PARKSIDE

PAHKS 18 V

CE 2002

(GB) Operating
and safety instructions

GB **Operating instructions** *Page 4 - 8*

Kompernaß Handelsgesellschaft mbH
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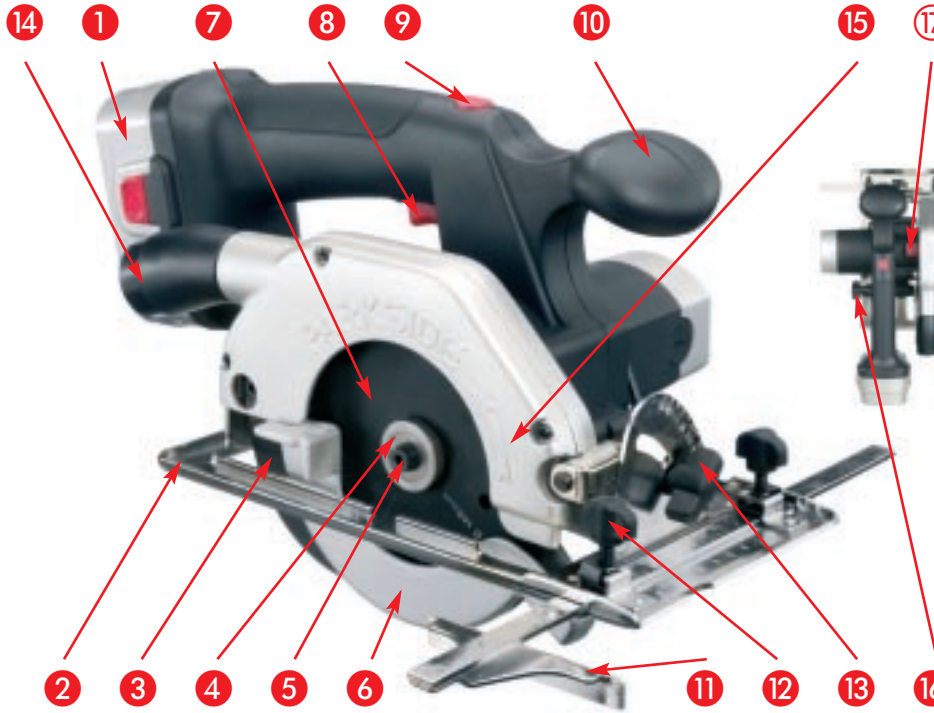
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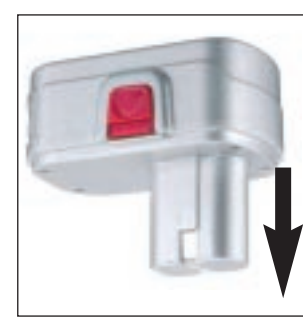

PARKSIDE

CORDLESS CIRCULAR SAW PAHKS 18 V
For sawing timber and plastic

Please read carefully through the following information concerning safety and proper use. Before reading, fold out the page with the illustrations and make yourself familiar with all the functions of the equipment. Please read the operating instructions [i] below and the accompanying safety advice ⚠ carefully. Use the equipment only as described and for the indicated purposes.
By doing this you will be able to work in complete safety and produce better results.
Be careful to keep these advice notes and if necessary pass them on to a third party.

FEATURES OF THE PAHKS 18 V

❶ Battery pack
❷ Guide plate
❸ Riving knife
❹ Outer flange
❺ Screw
❻ Blade cover
❼ Saw blade
❽ On/off switch
❾ Switch lock
❿ Second hand grip
⓫ Parallel guide
⓬ Attachment screw for parallel guide
⓭ Angle adjuster
⓮ Sawdust removal
⓯ Rotation direction arrow
⓰ Depth adjuster

TECHNICAL INFORMATION

Nom. speed, no load:	n_0 3000 rpm
Nominal voltage:	18 V ⎓
Blade diameter:	140 mm
Blade gap:	10 mm
Blade thickness:	1 mm
Blade tooth thickness max.:	1.5 mm
Cutting depth 45°:	28 mm
Cutting depth 90°:	40 mm
Sound pressure level:	80.4 dB (A)
Sound power level:	93.4 dB (A)
Vibration:	0.3 m/s² (vibration)
Weight:	4.1 kg

Quick charger:	
Charging current:	1200 mA
Charging duration:	50-60 minutes
Battery pack:	
Nominal voltage:	18 V ⎓
Battery capacity:	1700 mAh
Capacity:	30.6 Wh
	(no-load speed operation)

SPECIFIC SAFETY ADVICE

△ In addition, you must also read the advice in the accompanying booklet called "Safety advice" before using the equipment for the first time.
△ The cordless circular saw PAHKS 18 V is to be used exclusively for cutting wood and plastic.
△ Before carrying out any work on the saw, e.g. setting the guide plate etc., always remove the battery pack ❶.
△ Never remove sawdust or splinters whilst the saw is running – always switch off the saw and remove the battery pack ❶ first.

- △ When you are using the circular saw always wear ear protectors and protective glasses. Protective gloves, robust non-slip shoes, and a protective apron are also recommended.
- △ Every time before using the circular saw make sure that you check it for any damage. If any parts are damaged have them fixed or replaced at a specialist repair centre.
- △ Have a suitable tested vacuum device attached to the saw when working for long periods on woods or plastics that create dusts that are hazardous to health.
- △ Always use the integrated safety features on your saw e.g. the switch lock and the blade cover ❻.
- △ Before every use, check that the saw blade cover ❻ moves freely.
- △ Do not drill into the machine casing as this may damage the electrical insolation (use adhesive labels).
- △ Do not allow persons under 16 years of age to use the circular saw.
- △ Move the blade cover ❻ using the lever only. As the saw is placed on to the material to be cut, the blade cover moves back automatically. The blade cover is not to be fixed in the open position. In addition you should ensure that all moving parts of the saw blade cover function properly and all the assemblies and components involved in covering the saw blade are in perfect working order.
- △ When you are plunge cutting, make sure that the workpiece sits against a kick-back stop, e.g. a cross batten.
- △ When cutting a circular workpiece, secure it against rotation to both sides of the saw blade.
- △ Do not cut materials containing asbestos.
- △ Ensure that the parameters of the saw blade, e.g. the diameter, thickness and other technical details are suitable for the workpiece.
- △ Ensure that the saw blade is suitable for the saw speed.
- △ Cracked or distorted blades are not to be used. HSS (High Speed Steel) saw blades are not to be used.
- △ When you are sawing always make sure that you do not cut through any nails, screws or the like.
- △ Set the distance between the riving knife and the tips of the saw blade teeth to a max. 5 mm, and set the distance between the tip of the riving knife and the lowest point of the saw blade to max. 5 mm.
- △ The riving knife is only to be removed for plunge cutting.
- △ When you switch off the saw do not use additional braking methods or press against the saw blade side to bring it to a standstill.
- △ Note: Do not touch the saw blade teeth – danger of cutting injury.

POWERFUL - THE FAST CHARGER

Important safety advice for the charger and the battery pack

If you come into contact with alkali from the battery pack, wash off the alkali thoroughly with water. If alkali gets into your eyes, flush them out with water and seek immediate medical attention.

1. Read and take note of the operating instructions and this safety advice for the charger and the battery pack before use.
2. Warning: Use only the charger and battery pack supplied by the manufacturer. Use of any other can be hazardous.
3. Protect the charger, battery pack and electrical equipment from moisture, e.g. rain or snow.
4. Always check that the mains lead is correctly connected before using the charger.
5. If you find that the mains lead has been damaged, do not continue to use the charger. Have the mains lead changed immediately.
6. When you are not using the charger, remove the plug from the mains socket. Do not pull the plug out by the mains lead.
7. If the tool is dropped or otherwise subjected to mechanical stress, you should have it examined by an appropriate specialist for damage before using it again. Damaged parts must be repaired.
8. Handle the battery pack carefully. Do not let it fall or be subject to impact.

9. Do not attempt to repair the charger or the battery pack yourself. Repairs must always be carried out by an appropriate specialist. Not complying with this can lead to danger.
10. Always remove the plug from the mains socket before you clean or maintain the charger or the battery pack.
11. Do not charge the battery pack if the ambient temperature is less than 10 ° C or greater than 40 ° C.
12. Air must be able to flow freely around the charger.
13. Do not short circuit the battery pack. A short circuit gives rise to a heavy current, overheating, the danger of fire or to the battery pack exploding. Any of these can cause damage to the battery pack or danger to the user. Therefore:
    · Do not connect a cable to the battery pack terminals.
    · Make sure that no metal objects (nails, paperclips, coins etc.) find their way into the battery pack charging socket.
    · Do not expose the battery pack to water or rain.
14. A damaged battery pack or one which no longer holds its charge must be disposed of specially and not placed in normal household rubbish.
15. Never throw the battery pack into fire or water. This can cause it to explode.

Insertion and removal of your battery pack

Before removing the battery pack from the charger or inserting it into the charger, always ensure the plug is not in the mains socket.

When attaching the battery pack, the groove in the battery pack must align with the guide on the cordless circular saw. The battery pack should insert easily into the charger. Do not use any disproportionate force during insertion or the battery pack may not end up in its correct position. After the battery pack has been inserted check that the retaining clips have engaged and the battery pack is seated firmly in the charger.
To remove the battery pack from the charger press the retaining clips on the sides of the battery pack and remove it.

Charging the battery pack

Before inserting the battery pack into the charger or removing it from the charger, always ensure the plug is not in the mains socket.

Insert the battery pack so that it is firmly held in the charger. Push the plug into the mains socket. The red charging light indicates that charging has begun. The red light will go out after about 1 hour. The green charging light lets you know when charging is complete and the battery pack is ready for use.
If you wish to charge a second battery pack, pull out the plug from the mains supply and keep the charger off for at least 15 minutes. Then you can start to charge the second battery. If you do not remove the plug from the mains socket before the second charging process starts then the second battery cannot be charged.

⚠ WARNING !

- A new battery pack is not charged and must be fully charged before first use.
  Never charge the battery pack again immediately after a fast charging process has been completed. This can give rise to the battery pack being overcharged and a reduced life of the battery and charger.
- Switch off the charger for at least 15 minutes between charges by removing the plug from the mains socket.
- If you use a multiway socket adapter, unplug all other electrical equipment from the adapter.

SWITCHING ON AND OFF

Before inserting the battery pack into the saw always check that the on/off switch ❽ is working properly and that when you release it, the switch returns into the OFF setting.
This circular saw is fitted with a switch lock ❾. The on/off switch ❽ does not lock itself on.
To switch on first press the switch lock ❾ and then (keeping the switch lock pressed) press the on/off switch ❽.
Once the saw is running you can release the switch lock again.
To switch off the saw, release the on/off switch ❽.

OPERATION

Hold the saw in a firm grip. With the blade not yet rotating, set the guide plate ❷ down on to the workpiece to be cut. Switch the saw on and wait until the blade is rotating at full speed. Now, keeping the machine level, push it evenly over the workpiece surface until the cut is completed.
To achieve a clean cut, use the second hand grip ❿ and cut in a straight line, travelling over the workpiece at an even speed.

⚠ **CAUTION:**

1. The riving knife must always be correctly fitted (except for plunge cutting).
2. Never attempt to bring the saw blade to a standstill by pressing on its side.
3. If the circular saw is used continuously until the battery is completely discharged, then you should let the machine rest for 15 minutes before starting it again with a freshly charged battery.

FITTING AND REMOVING SAW BLADES

⚠ Before fitting or removing a saw blade always make sure that the circular saw is switched off and the battery pack is removed.

Removing a saw blade:
Press the spindle stop ⑰ to prevent the saw blade from rotating. Release the screw ❺ by turning the socket wrench anticlockwise. Remove the screw ❺, outer flange ❹ and saw blade ❼.

Fitting a saw blade:
Carry out the steps detailed in "Removing a saw blade" in reverse order. Then finally fully tighten the screw ❺.

⚠ When fitting the blade, make sure that it is mounted in the correct direction of rotation ⓯.

SETTING THE GUIDE PLATE

The default setting or the angle of the guide plate to the saw blade is 90°. If you wish to adjust this angle use the angle adjuster ⓭.
Please read the last part of these instructions for how to exactly adjust the angle adjuster.

SETTING THE CUTTING ANGLE

You can set the cutting angle accurately using the cutting angle scale. Release the wing nut on the angle adjuster ⓭ and set the required angle on the scale before retightening the wing nut.
Caution: Check the cutting angle on a test cut!

SETTING THE CUTTING DEPTH

Please note! If possible we recommend that the cutting depth is set to 5 mm greater than the material thickness. This should help to ensure you achieve a clean cut.
Release the wing nut on the depth adjuster ⓰, set the required depth on the scale and retighten the wing nut.

SETTING THE CUTTING DISTANCE / PARALLEL GUIDE

Release the wing screw ⓬ on the parallel guide ⓫, using the marking set it to the required cutting distance and retighten the wing screw.

STATEMENT OF CONFORMITY

We, Kompernaß Handelsgesellschaft mbH, Burgstr. 21, D-44867 Bochum, Germany, hereby declare that this product conforms with the following EC regulations:

EC low voltage regulations, Electromagnetic compatibility, Applicable harmonised standards:

Description / Model type: PARKSIDE CORDLESS CIRCULAR SAW PAHKS 18 V

Bochum, 31.08.2002

Hans Kompernaß
- Managing Director -

WARRANTY

This piece of equipment is covered by a **36-month warranty as of the date of purchase**. The equipment was produced with the greatest of care and underwent thorough testing before delivery. In the unlikely event of detecting a functional defect, please return the equipment in its original packaging with the proof of purchase (if available) to the closest service address.
Damage caused due to improper handling as well as regular wear of the parts are not covered by this warranty.

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